

Date: Mon, 9 Aug 93 04:30:19 PDT
From: Ham-Digital Mailing List and Newsgroup <ham-digital@ucsd.edu>
Errors-To: Ham-Digital-Errors@UCSD.Edu
Reply-To: Ham-Digital@UCSD.Edu
Precedence: Bulk
Subject: Ham-Digital Digest V93 #4
To: Ham-Digital

Ham-Digital Digest Mon, 9 Aug 93 Volume 93 : Issue 4

Today's Topics:

Automatic Packet Reporting System
Computer Terminal DatMax Barnd model (DMX-1100)
How to set deviation
Moonbounce or meteor scatter, which is easier ?
Packet software for Amiga (2 msgs)
Program Necessary? (2 msgs)
RE packet BBS too fast for RLIBBS
Software for PK232

Send Replies or notes for publication to: <Ham-Digital@UCSD.Edu>
Send subscription requests to: <Ham-Digital-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Digital Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-digital".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 5 Aug 93 17:38:57 GMT
From: koriel!sh.wide!wnoc-tyo-news!glocom!tyo-noc-news!jh1ynw!marina!
kohjin@ames.arpa
Subject: Automatic Packet Reporting System
To: ham-digital@ucsd.edu

In article <1993Aug4.161304.9449@aplcn.apl.jhu.edu> jeg@ddsdx2.jhuapl.edu (John
Grimes x6325) writes:
>In <23movf\$ot6@male.EBay.Sun.COM> raymonda@uranium.EBay.Sun.COM (Ray Anderson)
writes:

[partly deleted...]

>
>Greetings Ray,

>
> I have uploaded APRS to two sites on the net:
>
>ucsd.edu, don't know if its been posted yet.
>
>rahul.net /pub/davidj/radio directory, file name: aprs114.zip and is avail. for
anonymous ftp.
>
> 73, John kd3wy

I've just downloaded it from rahul.net, thanks!
It's in a que of uploading to K0-23.

73, Kohjin

--
----/---- Kohjin Yamada, JR1EDE [kohjin@marina.prug.or.jp]
Q-----T-----H 504-55 Shimo-Yamaguchi, Hayama, Miura, Kanagawa, Japan
-----/|----- Phone:+81-468-75-6750 Fax/Modem/Voice:+81-468-76-1176

Date: Fri, 6 Aug 1993 03:53:28 GMT
From: seas.gwu.edu!saud@uunet.uu.net
Subject: Computer Terminal DatMax Barnd model (DMX-1100)
To: ham-digital@ucsd.edu

*****FOR SALE*****

Terminal for sale

DataMax
Model: DMX-1100 system

Made by
DataMaxx USA Corporation
Tallahassee FL 32314

Make you offer.

(703)845-8791

or send me a mail msg

Thanks

Date: Sun, 08 Aug 93 19:34:15 CDT
From: newsflash.concordia.ca!mizar.cc.umanitoba.ca!bison!sys6626!inqmind!
bills@uunet.uu.net
Subject: How to set deviation
To: ham-digital@ucsd.edu

Anyone built the deviation meter in "73" and compared it with a "pro" deviation meter ? I bought the issue after seeing several mentions on Internet - it just looks like a peak detector. In curiosity I hooked up a scope to the discriminator of my TR7400 that I use for packet work. There's some very strange looking tones out there; at least one station (that I can't copy even though he's S9 at my location) appears to be transmitting a near-square wave instead of the usual sinusoids. My local packet BBS also has what looks like a distorted waveform as well. Could *both* these veteran operators be over-deviating, or do I have some kind of problem at my end ? Other stations, that don't sound so distorted, have lower-amplitude but "rounder" looking sinusoids than these two.

Bill

(who's going to crank down his TX audio and see if that helps with connecting to the local BBS at all....)

bills@inqmind.bison.mb.ca
The Inquiring Mind BBS, Winnipeg, Manitoba 204 488-1607

Date: 9 Aug 1993 08:40:23 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!spool.mu.edu!umn.edu!
gaia.ucs.orst.edu!ucs.orst.edu!youngqud@network.ucsd.edu
Subject: Moonbounce or meteor scatter, which is easier ?
To: ham-digital@ucsd.edu

I've become interested in sending VHF signals between Corvallis, Oregon and Everett, Washington. Of course, these 2 points are out of range of each other for conventional point to point VHF signals. If I were to focus on moon bounce or meteor scatter propagation, which do you suppose would be easier to accomplish ?

youngqud@ucs.orst.edu Dean Youngquist
N7LPE youngqud@ucs.orst.edu
428 N.W. 9th Street Corvallis, Oregon 97330

Date: Sun, 8 Aug 1993 18:22:04 GMT
From: psinntp!isc-newsserver!jdc3538@uunet.uu.net

Subject: Packet software for Amiga
To: ham-digital@ucsd.edu

What packet radio software is available for the Amiga? Any hints, tips or pointers to FTP sites are appreciated.

Thanks...Jim
N2VNO

Date: Sun, 8 Aug 1993 20:32:07 GMT
From: psinntp!isc-newsserver!ultb!jdc3538@uunet.uu.net
Subject: Packet software for Amiga
To: ham-digital@ucsd.edu

Sorry for leaving out important details. I'm seeking Amiga packet software for modem-only TNC's like Baycom or Digicom.

Thanks...Jim
N2VNO

Date: 5 Aug 93 13:34:48 GMT
From: ogicse!hp-cv!sdd.hp.com!cs.utexas.edu!not-for-mail@network.ucsd.edu
Subject: Program Necessary?
To: ham-digital@ucsd.edu

What is the point of programs such as KA9Q when the FAQ says most TNC's need nothing more than a terminal emulator?

Also, I am interested in the prospect of TCP/IP over Packet Radio. A way to 'cheat' at it would be to use KA9Q's mailbox thing and two connections (the packet radio and a SLIP connection) to enable other users to telnet. Is this feasible? While reading the KA9Q docs I was under the impression that this was part of the AX.25 protocol.

Jamie

Date: 5 Aug 1993 18:49:28 -0700
From: olivea@apple.com!apple.com!not-for-mail@uunet.uu.net
Subject: Program Necessary?
To: ham-digital@ucsd.edu

In article <9308052334.AA24361@relay2.geis.com> j.tatum@genie.geis.com writes:
>What is the point of programs such as KA9Q when the FAQ says most TNC's need
>nothing more than a terminal emulator?

Depends what you want to do. If you only want to log onto a packet
BBS and read mail and messages, a dumb terminal program is fine.

If you want more power, you turn control over to a computer instead
of the TNC. With the KA9Q program on my Macintosh, I can use all
the standard TCP/IP applications (FTP, SMTP, Finger, etc.), have
multiple sessions going simultaneously in multiple windows (right now
one window is available for commands and the other is tracing activity
on the local TCP/IP frequency), and just generally do a lot more
than I could with terminal programs and AX.25 PBBSSs. (Of course,
the KA9Q software also supports AX.25 and NET/ROM, so you can still
do those, too.)

Patty

--

```
.....  
::  Patty Winter (Apple contractor)      Internet: winter@apple.com  ::  
::  Sunnyvale, California    Amateur radio: N6BIS    AMPRNet: 44.4.4.50  ::  
.....
```

Date: Sun, 8 Aug 93 14:55:49 PDT
From: almaden.ibm.com@uunet.uu.net
Subject: RE packet BBS too fast for RLIBBS
To: ham-digital@ucsd.edu

A number of complaints of come in regarding duplicates during an REBBS
to RLIBBS forwarding session using BETA test version 2.1J, The problem
shows up as the following:

REBBS sends	RLIBBS sends
[sid]	[sid]
SB whatever	>
subject	OK
data	
ctl-Z	
F>	

*** Link disconnect ***

Note that the final prompt (>) is missing from the RLI side. It only occurs when the RLIBBS has nothing to send.

This seems to be because I now send the ctrl-Z and the "F>" prompt in the same packet. It looks like the RLIBBS sends the prompt but the disconnect happens before the packet is sent and the TNC or whatever discards the packet.

There will be a special option in the next BETA version to slow down for RLI systems.

Roy

Date: 9 Aug 1993 08:00:29 GMT
From: usc!sol.ctr.columbia.edu!xlink.net!news.dfn.de!scsing.switch.ch!univ-lyon1.fr!cismhp.univ-lyon1.fr!cerdini@network.ucsd.edu
Subject: Software for PK232
To: ham-digital@ucsd.edu

I have a PK232 US model, and I want to open more than one session when I'm connected to an host computer... If I use a normal terminal emulator, all messages are written on the same screen...

That's why I'm looking for something which can open several windows, in which is written messages of each sessions... Is it clear ?! :)

So, what can I use ?

73' to all

--
Michel CERDINI BP5574 69247 Lyon Cedex 05 | E-Mail cerdini@cism.univ-lyon1.fr
BBS/RTC Videotex ZENITH (8 acces) 24h/24 | AX25 F1ITS@FF2LY.FRHA.FRA.EU
Minitel: 7836.1996 - V32b/V42b: 7836.1001 |AmprNet F1ITS.AMPR.ORG [44.151.69.10]

Date: 6 Aug 1993 11:01:01 -0700
From: olivea!apple.com!apple.com!not-for-mail@uunet.uu.net
To: ham-digital@ucsd.edu

References <CB98KH.MM5@tandem.com>, <16C218739.M16616@mwvm.mitre.org>,
<CBCBs7.oH3@hawnews.watson.ibm.com>.
Subject : Types of gateways (was Re: Internet <-> packet gateway near)

In article <CBCBs7.oH3@hawnews.watson.ibm.com> kf5mg@vnet.ibm.com (Jack Snodgrass)

writes:

> First of all, there are two different type of Internet/Packet gateways.
>1). Email Gateway.
> This allows AX.25 BBS users to send mail to Internet Users and
> vice versa.
>2). Internet/Ampr.Org. Gateway.
> This allows a packet radio operator to talk to other packet radio
> operators real time using the Internet as a gateway between sites.

Jack, thanks for posting this clarification. It is easy to get confused because the term "gateway" is used for both situations.

I just discovered the Peninsula Internet/AMPRnet gateway a couple of days ago. It's great fun! Just a couple of minutes ago, I sent a message from winter@apple.com to n6bis@n6bis.ampr.org; I set the verbose flag on the outgoing message and have trace running on my packet station, so I was able to watch both sides of the SMTP session! Pretty nifty.

I also had direct SMTP sessions with AMPRnet and regular-Internet sites in Texas, Massachusetts, and southern California.

Note that all of my connections to non-AMPRnet sites were to licensed hams, so when they respond, it will be a ham initiating the transmission on amateur radio. I don't know what other people are doing about this, but I intend to restrict my use of the gateway to only contacting other hams.

> I'm more familiar with the Internet/Ampr.Org. type gateway. For that,
>you need a PC with a physical connection to the Internet (not a UUCP
>link) and a physical connection to a packet station. Generally, you
>have a either a SLIP or lan connection to the Internet and one (or more
>) tnc/radios connected to your gateway.

Just to make this clear--this is what you need to *set up* such a gateway. To *use* it, you only need a simple amateur TCP/IP packet station.

>to a NOS gateway using a standard ax.25 connect and then send an
>Email message to an Internet users, but you can't forward mail from
>an ax.25 style bbs through a Internet Gateway to an Internet user
>easily.

Maybe not with NOS, but Bob Arasmith's own software is handling this situation excellently.

73,
Patty

— —

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.....
::  Patty Winter (Apple contractor)           Internet: winter@apple.com  ::
::  Sunnyvale, California    Amateur radio: N6BIS    AMPRNet: 44.4.4.50  ::
.....

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End of Ham-Digital Digest V93 #4
